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"Methods for Mobile. Communication Services Selection"

CLAIMS

1. A method for dynamically selecting communication services from a plurality of service providers capable of providing communication services to a mobile wireless communication device, comprising:

establishing communication objectives at the device for corresponding communications to be executed by the device;

selecting one of the communication services for each communication to be executed by the device based on the corresponding established communication objectives;

utilizing the selected communication service at least for the communication whose communication objective formed the basis upon which the communication service was selected.

- 2. The method of Claim 1, assessing the plurality of communication services relative to the communication objective for each communication before selecting one of the communication services.
- 3. The method of Claim 1, assessing a plurality of communication services relative to the communication objective for each communication during a communication.

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4. The method of Claim 1, receiving service information from the plurality of service providers at the device, assessing the communication services by comparing the service information received from the corresponding service providers at the device.

- 5. The method of Claim 4, querying the plurality of service providers for service information.
- 6. The method of Claim 4, storing service information received from the service providers at the device, updating service information at the device.
- 7. The method of Claim 1, establishing a communication objective by specifying whether a communication to be executed by the device is a data communication or a voice communication.
- 8. The method of Claim 1, establishing communication objectives by specifying at least one characteristic of a communication to be executed.

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9. The method of Claim 8, assessing communication services by determining which communication service optimally satisfies the specified characteristics of the communication to be executed.

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- 10. The method of Claim 1, establishing communication objectives by weighting at least one characteristic for each communication to be executed.
- 11. The method of Claim 10, assessing the communication services by comparing the weighted characteristics of each communication to be executed to corresponding service characteristics of each of the communication services.

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12. The method of Claim 11, selecting a communication service having service characteristics that most closely correlate with the weighted characteristics of the communication to be executed.

13. A method for selecting communication services available to a mobile wireless communication device, comprising:

establishing a communication objective at the device by identifying a characteristic of a communication to be executed by the device;

assessing a plurality of communication services by comparing the identified characteristic of the communication to be executed with a corresponding service characteristic of each of a plurality of communication services;

selecting a communication service from the plurality of communication services having the service characteristic that correlates most closely with the identified characteristic of the communication to be executed by the device.

14. The method of Claim 13, receiving service information from the plurality of communication services at the device, assessing the plurality of communication services at the device.

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15. The method of Claim 14, selecting a communication service before executing the communication, and selecting a different communication service during the communication.

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16. The method of Claim 13,

weighting the one or more identified characteristics of the communication to be executed,

assessing the communication services by comparing the weighted characteristics of the communication to be executed to similarly weighted corresponding characteristics of each of the communication services.

17. A mobile wireless communication device, comprising:

means for identifying a characteristic of a communication to be executed by the device;

means for assessing a plurality of communication services by comparing the identified characteristic of the communication to be executed with corresponding service characteristics of each of a plurality of communication services;

means for selecting a communication service from the plurality of communication services having the service characteristic that correlates most closely with the identified characteristic of the communication to be executed by the device.

18. The device of Claim 17, means for receiving service information from the plurality of communication services at the device.

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19. The device of Claim 18, means for requesting service information from the communication services.

20. The device of Claim 17,

means for weighting the identified characteristic of the communication to be executed,

means for comparing the weighted characteristics of the communication to be executed to corresponding service characteristics of each communication service.